

ABSTRACT

A pneumatic suspension system, whereby an amount of air infused into an inner upper side of a cylinder is controlled via an air nozzle, and air flow circulating between an inner upper side and an inner lower side of the cylinder is controlled by opening and closing of a solenoid valve to adjust an air pressure inside the cylinder, thereby enabling a smooth damper function. A main spring is installed inside the cylinder to effectively utilize an external space of the cylinder.